

Recombinant Human HSD3B2 protein, Myc/DDK-tagged

Cat. No. HSD3B2-24H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HSD3B2 transcript variant 2 protein, fused to Myc/DDK-tag at C-terminus, was expressed in HKE293T and captured through anti-DDK affinity column followed by conventional chromatography steps.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a bifunctional enzyme that catalyzes the oxidative conversion of delta(5)-ene-3-beta-hydroxy steroid, and the oxidative conversion of ketosteroids. It plays a crucial role in the biosynthesis of all classes of hormonal steroids. This gene is predominantly expressed in the adrenals and the gonads. Mutations in this gene are associated with 3-beta-hydroxysteroid dehydrogenase, type II, deficiency. Alternatively spliced transcript variants have been found for this gene.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Molecular Mass	41.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 µg/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	HSD3B2
Official Symbol	HSD3B2
Synonyms	HSD3B; HSDB; SDR11E2
Gene ID	3284
mRNA Refseq	NM_001166120.1
Protein Refseq	NP_001159592.1
MIM	613890
UniProt ID	P26439

